

FREEWAY DIVERSION	POWESHIEK COUNTY IOWA	I-80 EASTBOUND	FROM: Exit 182 (IA 146) TO: Exit 191 (US-63)	PLAN 3013 3/7
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CRITICAL AREAS TO MONITOR

LOCATION	EXIT	SITUATION	RESPONSE
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Local Diversion - Primary

I-80 EB Off Ramp at IA 146	182	Traffic backing up onto interstate	Provide appropriate message on upstream DMS
IA 146 NB from I-80 to US-6		Traffic backing up due to signalized intersections (5 signals)	Confirm town of Grinnell has been notified
IA 146 NB @ IAIS RR Crossing (Grinnell)		Traffic backing up due to signalized intersections (5 signals)	Contact IAIS Railroad and notify local law enforcement
IA 146 NB to US-6 EB		Traffic backing up due to signal	Notify local law enforcement
US-6 EB from IA 146 to US-63		Traffic backing up due to signalized intersections (3 signals)	Confirm town of Grinnell has been notified
US-6 EB @ UP RR Crossing (Grinnell)		Train blocking the crossing (Flashers)	Contact UP Railroad and notify local law enforcement
US-63 SB @ IAIS RR Crossing (Malcom)		Train blocking the crossing (Gates/Flashers)	Contact IAIS Railroad and notify local law enforcement
US-63 SB to I-80	191	Traffic returning to interstate	Monitor location

Local Diversion - Secondary

NO CRITICAL AREAS TO MONITOR AVAILABLE

Global Diversion

I-80 EB Off Ramp at US-6	164	Traffic backing up onto interstate	Provide appropriate message on upstream DMS
US-6 EB in Newton		Traffic backing up due to signalized intersections (14 signals)	Confirm town of Newton has been notified
US-6 EB in Grinnell		Traffic backing up due to signalized intersections (3 signals)	Confirm town of Grinnell has been notified
US-6 EB at UP RR Crossing (Grinnell)		Train blocking the crossing (Flashers)	Contact UP Railroad and notify local law enforcement
US-151 SB to I-80	225	Traffic returning to interstate	Monitor location

LOCAL DETOUR 1/7	GLOBAL DETOUR 2/7	CRITICAL LOCATIONS 3/7	RESPONSE PLAN 4/7	AGENCY CONTACTS 5/7	DMS MESSAGES 6/7	TRAFFIC CONTROL 7/7
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FREEWAY DIVERSION	POWESHIEK COUNTY IOWA	I-80 EASTBOUND	FROM: Exit 182 (IA 146) TO: Exit 191 (US-63)	PLAN 3013 4/7
ALTERNATE ROUTE RESPONSE PLAN				

Minor Impact to Traffic (Less Than 30 Minutes)

Off Peak – Shoulder Blocked	Diversion not implemented: <ul style="list-style-type: none"> • On-scene traffic control • Deploy informational DMS messaging for approaching traffic
Off Peak – Shoulder and One Lane Blocked	

Intermediate Impact to Traffic (30 Minutes to 2 Hours)

Peak Period – Shoulder Blocked	Diversion not implemented: <ul style="list-style-type: none"> • On-scene traffic control • Deploy informational DMS messaging for approaching traffic
Off Period – Shoulder and One Lane Blocked	
Peak Period – Shoulder and One Lane Blocked	Partial Diversion: <ul style="list-style-type: none"> • On-scene traffic control • Deploy informational DMS messaging for approaching traffic • Deploy DMS messaging directing through traffic to use diversion routes • Monitor local diversion routes at critical locations as needed
All Lanes Blocked	Full Diversion: <ul style="list-style-type: none"> • On-scene traffic control • Deploy DMS messaging directing all traffic to use diversion routes • Deploy law enforcement to direct traffic at critical locations

Major Impact to Traffic (Greater Than 2 Hours)

Peak Period – Shoulder Blocked	Diversion not implemented: <ul style="list-style-type: none"> • On-scene traffic control • Deploy informational DMS messaging for approaching traffic
Off Period – Shoulder and One Lane Blocked	
Peak Period – Shoulder and One Lane Blocked	Partial/Discretionary Diversion: <ul style="list-style-type: none"> • Deploy cones, barricades, and other appropriate traffic control devices • Deploy informational DMS messaging for approaching traffic • Deploy DMS messaging directing through traffic to use diversion routes • Divert traffic to local diversion routes at discretion of incident commander
All Lanes Blocked	Full Diversion: <ul style="list-style-type: none"> • Deploy cones, barricades, and other appropriate traffic control devices • Deploy DMS messaging directing all traffic to use diversion routes • Deploy law enforcement to direct traffic at critical locations

LOCAL DETOUR 1/7	GLOBAL DETOUR 2/7	CRITICAL LOCATIONS 3/7	RESPONSE PLAN 4/7	AGENCY CONTACTS 5/7	DMS MESSAGES 6/7	TRAFFIC CONTROL 7/7
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FREEWAY DIVERSION	POWESHIEK COUNTY IOWA	I-80 EASTBOUND	FROM: Exit 182 (IA 146) TO: Exit 191 (US-63)	PLAN 3013 5A/7
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CRITICAL CONTACTS

Poweshiek County Dispatch 641-623-5679	Iowa DOT Statewide TMC 515-237-3300	Iowa State Patrol Comm. Center 800-525-5555
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RESPONSIBILITIES

Poweshiek County Dispatch	641-623-5679
Coordinate with the incident commander as to whether a diversion route is needed and which one should be implemented. <ul style="list-style-type: none"> • Notify Poweshiek DOT statewide of route implemented, incident specific or maintenance needs, and who the incident commander is. • Dispatch County Sheriff, local law enforcement, and fire departments as needed. • Inform local municipalities and other jurisdictions that a diversion route is being implemented. • Deploy law enforcement to direct traffic at critical locations as needed. 	
<u>Emergency Responders:</u> <ul style="list-style-type: none"> • Secure scene. • Provide incident information, diversion route recommendations, and towing needs to E911. • Minimize impact to traffic. • Provide manual traffic control as needed, or as directed by E911 at critical locations. 	

Iowa DOT Statewide TMC	515-237-3300
Deploy informational DMS and 511 messages to alert motorists of construction, delays, incidents, closures, etc. and/or directional DMS messaging to direct traffic to the implemented diversion route. <ul style="list-style-type: none"> • Monitor incidents and critical locations along the implemented diversion route. • Coordinate with Poweshiek DOT maintenance facilities regarding traffic control needs. • Deploy PDMS and Portable CCTV devices as needed for longer duration incidents. • Coordinate with local municipalities regarding the modification of signals, signal timing, or stop signs. • Coordinate with railroad authority regarding key crossings along the implemented diversion route. 	

Iowa State Patrol Comm. Center	800-525-5555
Dispatch State Patrol. <u>On-Scene Incident Commander:</u> <ul style="list-style-type: none"> • Secure scene. • Notify appropriate communications center of incident location, anticipated duration, affected lanes, and identify the incident commander. • Coordinate with the communications center regarding diversion route needs. • Minimize impact to traffic through coordination of on-scene traffic control. • Ensure overweight and oversize vehicles are parked. • When the incident is safely cleared, notify the appropriate communications center that the diversion route is no longer needed. 	

LOCAL DETOUR 1/7	GLOBAL DETOUR 2/7	CRITICAL LOCATIONS 3/7	RESPONSE PLAN 4/7	AGENCY CONTACTS 5/7	DMS MESSAGES 6/7	TRAFFIC CONTROL 7/7
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Iowa DOT TMC: 515-237-3300 **ENSURE ALL OVERWEIGHT AND OVERSIZE VEHICLES ARE PARKED SAFELY**

FREEWAY DIVERSION	POWESHIEK COUNTY IOWA	I-80 EASTBOUND	FROM: Exit 182 (IA 146) TO: Exit 191 (US-63)	PLAN 3013 5B/7
ADDITIONAL CONTACT INFORMATION				

Poweshiek County Dispatch Additional Contact	
Poweshiek County Sheriff	641-623-5679
Poweshiek County Emergency Mgmt.	641-623-4357
Poweshiek County Secondary Roads	641-623-5435
Grinnell Police Department	641-236-2670
Grinnell Fire Department	641-236-2688
Malcom Fire Department	641-623-4357

Iowa State Patrol Comm. Center Additional Contact	
Iowa State Patrol – District 11	319-396-1944

Iowa DOT Statewide TMC Additional Contact	
Iowa DOT Statewide TMC (Toll Free)	888-449-9672
Iowa DOT Maint. Garage – Grinnell	641-236-3014
Iowa DOT Maint. Garage – Malcom	641-528-3775
Iowa Interstate Railroad Ltd.	800-321-3891
Union Pacific Railroad	888-877-7267

LOCAL DETOUR 1/7	GLOBAL DETOUR 2/7	CRITICAL LOCATIONS 3/7	RESPONSE PLAN 4/7	AGENCY CONTACTS 5/7	DMS MESSAGES 6/7	TRAFFIC CONTROL 7/7
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FREEWAY DIVERSION	POWESHIEK COUNTY IOWA	I-80 EASTBOUND	FROM: Exit 182 (IA 146) TO: Exit 191 (US-63)	PLAN 3013 6/7
DMS MESSAGES ✓				

LOCAL PRIMARY	Sign Location	Page 1	Page 2
	I-80 EB @ Newton MM 165.3 – SM	I-80E AT EXIT 182 CLOSED	DETOUR EXIT 182 IA 146 N
	I-80 EB @ Newton MM 163 – OH	I-80 E CLOSED AT EXIT 182 USE EX 182/IA 146 N	
	I-80 EB @ MM 139.9 - OH	I-80 E CLOSED AT EXIT 182 USE EX 182/IA 146 N	
	Applicable On Route PDMS Messages	I-80E AT EXIT 182 CLOSED	DETOUR EXIT 182 IA 146 N
	Applicable Off Route PDMS Messages	I-80 E AT EXIT 182 CLOSED	USE ALT ROUTE

LOCAL SECONDARY	Sign Location	Page 1	Page 2
	I-80 EB @ Newton MM 165.3 – SM	I-80E AT EXIT 182 CLOSED	DETOUR EXIT 182 IA 146 N
	I-80 EB @ Newton MM 163 – OH	I-80 E CLOSED AT EXIT 182 USE EX 182/IA 146 N	
	I-80 EB @ MM 139.9 - OH	I-80 E CLOSED AT EXIT 182 USE EX 182/IA 146 N	
	Applicable On Route PDMS Messages	I-80E AT EXIT 182 CLOSED	DETOUR EXIT 182 IA 146 N
	Applicable Off Route PDMS Messages	I-80 E AT EXIT 182 CLOSED	USE ALT ROUTE

LOCAL DETOUR 1/7	GLOBAL DETOUR 2/7	CRITICAL LOCATIONS 3/7	RESPONSE PLAN 4/7	AGENCY CONTACTS 5/7	DMS MESSAGES 6/7	TRAFFIC CONTROL 7/7
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DMS MESSAGES ✓				

GLOBAL	Sign Location	Page 1	Page 2
	I-80 EB @ Newton MM 165.3 – SM	I-80E AT EXIT 182 CLOSED	DETOUR EXIT 182 IA 146 N
	I-80 EB @ Newton MM 163 - OH	I-80 E CLOSED AT EXIT 182 USE EXIT 164/US 6 E	
	I-80 EB @ MM 139.9 - OH	I-80 E CLOSED AT EXIT 182 USE EXIT 164/US 6 E	
	Applicable On Route PDMS Messages Before Global Detour	I-80E AT EXIT 182 CLOSED	DETOUR EXIT 164 US 6 E
	Applicable On Route PDMS Messages Past Global Detour	I-80E AT EXIT 182 CLOSED	DETOUR EXIT 182 IA 146 N
	Applicable Off Route PDMS Messages	I-80E AT EXIT 182 CLOSED	USE ALT ROUTE

Primary	Cedar Rapids State Radio	319-396-4414
	Poweshiek County	641-623-5679
	Iowa Interstate Railroad	800-321-3891
	Union Pacific Railroad	888-877-7267
Secondary	Cedar Rapids State Radio	319-396-4414
	Poweshiek County	641-623-5679
	Iowa Interstate Railroad	800-321-3891
	Union Pacific Railroad	888-877-7267
Global	Des Moines State Radio	515-323-4360
	Cedar Rapids State Radio	319-396-4414
	Poweshiek County	641-623-5679
	Jasper County	641-792-5912
	Iowa County	319-642-7307
	Iowa Interstate Railroad	800-321-3891
	Union Pacific Railroad	888-877-7267

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Iowa DOT TMC: 515-237-3300

ENSURE ALL OVERWEIGHT AND OVERSIZE VEHICLES ARE PARKED SAFELY

FREEWAY DIVERSION	POWESHIEK COUNTY IOWA	I-80 EASTBOUND	FROM: Exit 182 (IA 146) TO: Exit 191 (US-63)	PLAN 3013 7/7
TRAFFIC CONTROL				

LOCATION	INITIAL ACTION/RESOURCE	EXTENDED ACTION/RESOURCE
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Local Diversion - Primary

I-80 EB Off Ramp at IA 146	Monitor location	Detour signing
IA 146 NB from I-80 to US-6	Monitor location	Adjust signal timing Manual traffic control (as needed/peak periods)
IA 146 NB at IAIS RR Crossing (Grinnell)	Monitor location Coordinate with local law enforcement as necessary	Coordinate with IAIS Railroad and local law enforcement as necessary
IA 146 NB to US-6 EB	Monitor location	Detour signing
US-6 EB from IA 146 to US-63	Monitor location	Adjust signal timing Manual traffic control (as needed/peak periods)
US-6 EB at UP RR Crossing (Grinnell)	Monitor location Coordinate with local law enforcement as necessary	Coordinate with UP Railroad and local law enforcement as necessary
US-63 SB at IAIS RR Crossing (Malcom)	Monitor location Coordinate with local law enforcement as necessary	Coordinate with IAIS Railroad and local law enforcement as necessary
US-63 SB to I-80	Monitor location	Detour signing

Local Diversion - Secondary

NO TRAFFIC CONTROL AVAILABLE

Global Diversion

I-80 EB Off Ramp at US-6	Monitor location	Detour signing
US-6 EB in Newton	Monitor location	Adjust signal timing Manual traffic control (as needed/peak periods)
US-6 EB in Grinnell	Monitor location	Adjust signal timing Manual traffic control (as needed/peak periods)
US-6 EB at UP RR Crossing (Grinnell)	Monitor location Coordinate with local law enforcement as necessary	Coordinate with UP Railroad and local law enforcement as necessary
US-151 SB to I-80	Monitor location	Detour signing

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